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Abstract

Poly(paraphenylenevinylene) derivatives and their use as electroluminescence materials

Use of polymers containing structural units of the formula (I)



in which A^1 , A^2 and A^3 are identical or different mono- and/or polynuclear aryl and/or heteroaryl groups which are optionally linked via one or more bridges, preferably one bridge, and/or fused and can optionally be substituted, and in which in each case two bonds originate from A^1 and A^3 and in each case one bond originates from A^2 , as electroluminescence material.

The polymers of the formula (I) according to the invention are distinguished above all by a high stability, coupled with a high fluorescence quantum yield.